

PTO-1390 (Rev. 07-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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i	ANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)	ATTORNEY'S DOCKET NUMBER 0696-0238PUS1 U.SAATHLIGATION NO (ITROOF) SIE 37 CFR 1.5)					
	ATIONAL APPLICATION NO. INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
	PCT/FI2004/000654 5 November 2004 ✓	6 November 2003					
A METH		MICROORGANISMS IN PAPER					
	ANT(S) FOR DO/EO/US (OLARI, Mirja SALKINOJA-SALONEN and Terhi Johanna HATUNI	FN					
	t herewith submits to the United States Designated/Elected Office (DO/EO/						
1. X	This is a FIRST submission of items concerning a submission under 35 U.	S.C. 371.					
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
3.	This is an express request to begin national examination procedures (35 U include items (5), (6), (9) and (21) indicated below.	J.S.C. 371(f)). The submission must					
4. X	The US has been elected (Article 31).						
5. X	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))						
a.[is attached hereto (required only if not communicated by the Internation	nal Bureau).					
b.[x has been communicated by the International Bureau.						
с.[is not required, as the application was filed in the United States Receiv	ring Office (RO/US).					
6.	An English language translation of the International Application as filed (35	U.S.C. 371(c)(2)).					
a.[is attached hereto.						
b.[has been previously submitted under 35 U.S.C. 154(d)(4).						
7. x	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
a.[a. x are attached hereto (required only if not communicated by the International Bureau).						
b.	have been communicated by the International Bureau.						
с.[have not been made; however, the time limit for making such amendm	ents has NOT expired.					
d.[have not been made and will not be made.						
8.	An English language translation of the amendments to the claims under PC	CT Article 19 (35 U.S.C. 371(c)(3)).					
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
	An English language translation of the annexes of the International Prelimin Article 36 (35 U.S.C. 371(c)(5)).	nary Examination Report under PCT					
Items	s 11 to 20 below concern document(s) or information included:						
11. x	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
=	An assignment document for recording. A separate cover sheet in complia	nce with 37 CFR 3.28 and 3.31 is included.					
13. x	A preliminary amendment.						
	An Application Data Sheet under 37 CFR 1.76.						
15 ,	A substitute specification.						
=	A power of attorney and/or change of address letter.						
17 /	A computer-readable form of the sequence listing in accordance with PC	T Rule 13ter.2 and 37 CFR 1.821 – 1.825.					
	A second copy of the published International Application under 35 U.S.C	```					
19 /	A second copy of the English language translation of the international ap	plication under 35 U.S.C. 154(d)(4).					

IAP12 Rec'd PCT/PTO S4 MAY 2006

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				INTERNATIONAL APPLICATION NO PCT/F12004/000654				ATTORNEY'S DOCKET NUMBER 0696-0238PUS1			
20. X Other items or information: Return Receipt Postcard PCT/ISA/210 PCT/IB/308 PCT/IPEA/409 Drawings (1 sheet)											
The foll	owing fees	have	been submitte	ed			CALCULATIONS PTO USEONLY				
	_))		\$300	\$ 300.00			FIGUSEONET	
22. x Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations \$200							\$ 200.00				
23. X Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)						\$ 400.00					
	TOTAL OF	21, 22	and 23 =				\$	900.0	00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.											
Total Sheets	Extra Sheet	s		ach additional 50 or fraction RATE und up to a whole number)							
- 100 =	Į:	/50 =				x \$250.00	\$				
				, examination fee, or the (37 CFR 1.492(h)).	oat	h or declaration	\$ 130.00				
CLAIMS	3	NUM	BER FILED	NUMBER EXTRA		RATE					
Total clair	ns	16 - 20 =			×			0.0	00		
Independent	claims		1 - 3 =	×			0.00				
MULTIPLE DEP	ENDENT CLA	AIM(S)	(if applicable)	+ 360.00		360.00		00			
TOTAL OF ABOVE CALCULATIONS =								\$ 1390.00			
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.											
						SUBTOTAL =	\$ 1390.00				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).							\$				
TOTAL NATIONAL FEE =								\$ 1390.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$											
						\$					
TOTAL FEES ENCLOSED =							\$ 1390.00			1390.00	
						Amount to be refunded: \$					
						Amount to be charged \$					

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	a. X A check in the amount of \$ 1390.00 to cover the above fees is enclosed
	b. Please charge my Deposit Account No. 02-2448 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed
	C. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448 . A duplicate copy of this sheet is enclosed
	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038
	NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status.
	SEND ALL CORRESPONDENCE TO:
	May 4, 2006 CeraNd M. Murphy, Jr. NAME
	CUSTOMER NUMBER: 02292
	28,977 REGISTRATION NUMBER
	/sns
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Docket No.: 0696-0238PUS1 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Marko KOLARI et al.

Application No.: NEW

Application 140.: 142 W

Filed: May 4, 2006

For: A METHOD FOR MONITORING THE

PRESENCE OF BIOFILMFORMING

MICROORGANISMS IN PAPER INDUSTRY

Confirmation No.: N/A

Art Unit: N/A

Examiner: Not Yet Assigned

LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The PTO is requested to use the amended sheets/claims attached hereto (which correspond to Article 19 amendments or to claims attached to the International Preliminary Examination Report (Article 34)) during prosecution of the above-identified national phase PCT application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §1.16 or 1.14; particularly, extension of time fees.

** * *

Application No.: NEW Docket No.: 0696-0238PUS1

Dated: May 4, 2006

Respectfully submitted,

Gerald M. Murphy, Jr.

Registration No. 28,977

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Attachment(s)

2 GMM/sns